

IN THE CLAIMS

For the convenience of the Examiner, all claims have been presented whether or not an amendment has been made. The claims have been amended as follows:

- 1. (Currently Amended) A system, comprising:
- a first portable thread environment (PTE), comprising a diagnostic tool;
- a second PTE configured to receive and send threads, each thread comprising a plurality of executable program fragments;
 - a third PTE configured to receive and send the threads; and
- a PTE router configured to receive the threads and route said threads, wherein the router copies the threads and routes the copies to the diagnostic tool.
- 2. **(Original)** The system of claim 1, wherein the diagnostic tool uses the copies to generate diagnostic messages.
- 3. (Original) The system of claim 2, wherein the diagnostic messages show the threads' execution order.
- 4. **(Original)** The system of claim 2, wherein the diagnostic messages show all messages generated by the threads.
- 5. **(Original)** The system of claim 2, wherein the diagnostic messages show all messages generated for the threads.
- 6. (Original) The system of claim 2, wherein the diagnostic messages trigger new events to be performed.
- 7. (Original) The system of claim 2, wherein the diagnostic tool identifies the threads' source.
- 8. (Original) The system of claim 2, wherein the diagnostic tool truncates threads exceeding a predetermined size.





9. (Currently Amended) A method, comprising:

intercepting threads passed from a first PTE to a second PTE, each thread comprising a plurality of executable program fragments;

copying the threads;

generating a diagnostic message by a PTE Tool; and

displaying the diagnostic message, wherein the diagnostic message shows the threads' execution order.

- 10. (Original) The method as in claim 9, wherein the diagnostic message shows all messages generated by the threads.
- 11. (Original) The method as in claim 9, wherein the diagnostic message shows all messages generated for the threads.
- 12. (Original) The method as in claim 9, wherein the diagnostic message triggers new events to be performed.
- 13. (Original) The method as in claim 9, wherein the diagnostic tool identifies the threads' sources.
- 14. **(Original)** The method as in claim 9, wherein the diagnostic tool truncates the threads exceeding a predetermined size.





15. (Currently Amended) A system, comprising:

means for intercepting threads passed from a first PTE to a second PTE, each thread comprising a plurality of executable program fragments;

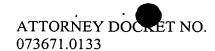
means for copying the threads;

means for generating a diagnostic message by a PTE Tool; and

means for displaying the diagnostic message, wherein the diagnostic message shows the threads' execution order.

- 16. **(Original)** The system of claim 15, wherein the diagnostic message shows all messages generated by the threads.
- 17. **(Original)** The system of claim 15, wherein the diagnostic message shows all messages generated for the threads.
- 18. **(Original)** The system of claim 15, wherein the diagnostic message triggers new events to be performed.
- 19. (Original) The system of claim 15, wherein the diagnostic tool identifies the threads' sources.
- 20. **(Original)** The system of claim 15, wherein the diagnostic tool truncates the threads exceeding a predetermined size.





21. (Currently Amended) A computer-readable medium having stored thereon a plurality of instructions, said plurality of instructions when executed by a computer, cause said computer to perform:

intercepting threads passed from a first PTE to a second PTE, each thread comprising a plurality of executable program fragments;

copying the threads;

generating a diagnostic message by a PTE Tool; and

displaying the diagnostic message, wherein the diagnostic message shows the threads' execution order.

- 22. **(Original)** The computer-readable medium of claim 21, wherein the diagnostic message shows all messages generated by the threads.
- 23. **(Original)** The computer-readable medium of claim 21, wherein the diagnostic message shows all messages generated for the threads.
- 24. **(Original)** The computer-readable medium of claim 21, wherein the diagnostic message triggers new events to be performed.
- 25. (Original) The computer-readable medium of claim 21, wherein the diagnostic tool identifies the threads' sources.
- 26. **(Original)** The computer-readable medium of claim 21, wherein the diagnostic tool truncates the threads exceeding a predetermined size.

